Canon

imagePROGRAF®
iPF9000S/8000S/6000S

iPF S-Series

GRAPHIC ARTS

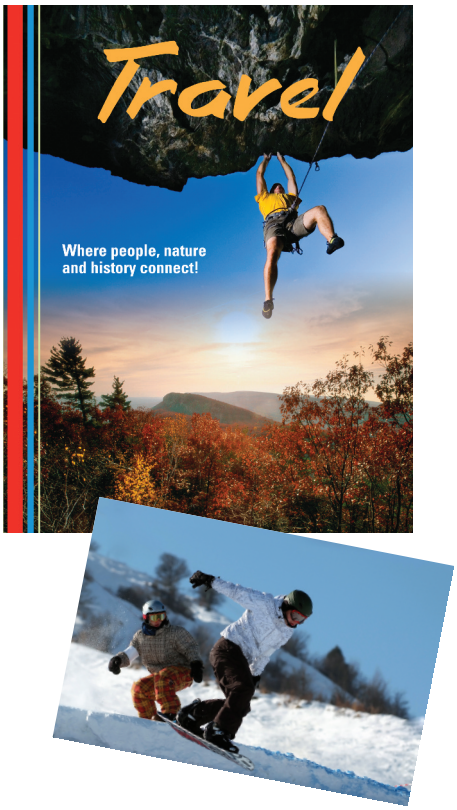
LARGE-FORMAT PRINTING

Canon imagePROGRAF S-Series large-format printers

The SPEED you need to succeed!

Canon's fastest graphic arts large-format printers—the imagePROGRAF S-Series—deliver the productivity, capacity, and versatility you need to produce more work, more profitably, and in less time.

Now available in three sizes, Canon's imagePROGRAF S-Series large-format printers are workhorse system solutions for professionals who need to compete in the production printing marketplace. Choose the one that's right for you.



imagePROGRAF iPF9000S: This 60"-wide system delivers maximum throughput capacity and versatility for POP displays, posters, and backlits of all sizes.

imagePROGRAF iPF8000S: A high-speed, 44"-wide solution for mainstream large-format printing applications.

imagePROGRAF iPF6000S: The smaller footprint of this 24"-wide production print engine gives businesses with limited floor space unlimited potential.

iPF S-Series

FEATURES

The 60" iPF9000S, 44" iPF8000S, and 24" iPF6000S large-format printers sacrifice nothing when it comes to print quality and performance.

MAXIMUM PRODUCTIVITY

- Fast throughput speeds
- Built-in 80GB hard drive
- Two 1.07" print-heads, with a total of 30,720 nozzles
- High-speed L-COA image processor for fast, high-quality print optimization
- Borderless printing–reduces finishing requirements*
- Reliable, worry-free ink systems

EXCELLENT PRINT QUALITY

- High-resolution output up to 2400 x 1200 dpi
- Superfine 4-picoliter ink droplets produce delicate color gradation and high-definition expression needed for high-quality graphics, posters, and displays.

INTELLIGENT QUALITY CONTROL

- The built-in calibration feature helps ensure consistently superior results.
- Canon's breakthrough *Kyuanos*® color matching engine
- Roll media detection and management help prevent misprints.

LUCIA® PIGMENT INKS

- An 8-color ink set provides a wide gamut for production print applications.
- Durable, light-fast color images resist scratching and fading

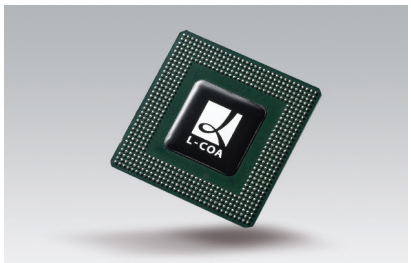
LOW-COST OPERATION

- Economy Color mode reduces ink consumption 10% to 20%.
- Low-maintenance, long-life print-heads are built to last!
- Efficient media management functions help minimize waste.
- Low operating power requirements reduce overhead costs.

SOFTWARE SOLUTIONS

- Print Plug-in for Digital Photo Professional
- Print Plug-in for Adobe® Photoshop®
- Canon Printer Driver
- Digital Photo Front-Access
- Print Plug-in for Microsoft® Word/Excel/PowerPoint®**
- PosterArtist Lite (iPF6000S only)

Two print-heads ensure fast output



L-COA Image Processor

*Up to 42" wide

See **www.usa.canon.com/download for availibility.

Print more in less time, at a lower cost: It's a Winning Formula.

Advanced Canon technologies are seamlessly integrated into a single, exceptionally efficient production printing system engineered to produce more high-quality work, at a lower cost and in less time.

EXCEPTIONAL QUALITY WITH UNPRECEDENTED SPEED

Two large, 1.07-inch high-density print-heads eject tiny 4pl droplets of ink through 30,720 nozzles to produce high-quality output up to 2400 x 1200 dpi with unprecedented speed. An innovative ink channel configuration accelerates print efficiency by distributing the eight colors of ink across the two print-heads for better ink coverage with each pass—and greater productivity—without sacrificing image quality.

HIGH-CAPACITY 80GB HARD DRIVE

Canon's imagePROGRAF S-Series printers are equipped with an extra large 80GB hard drive that improves productivity by relieving the workload from an operator's host computer while providing more capacity for data storage and retrieval so multiple copies and reprints can be made without resending job files. Additional job management and security features supported by the hard drive further enhance workgroup efficiency.

HIGH-SPEED IMAGE PROCESSING

Driving data to the printer and optimizing output functions is Canon's advanced L-COA processor. This intelligent high-speed processor manages the high volume of data required for display quality large-format graphics and directs the print engine with speed and accuracy.

REDUCED INK CONSUMPTION

The Economy Color Mode produces high-resolution 1200 x 1200 dpi output on coated and uncoated media while reducing ink consumption from 10% to 20%.

MINIMIZE MEDIA WASTE

The Roll Media Preview helps the operator determine if media waste can be reduced by automatically rotating a print image 90˚. Without the need to confirm rotation settings or selecting the orientation, now users can take advantage of media saving opportunities more easily.

DURABLE LUCIA PIGMENT INKS

Each of the S-Series printers feature eight colors of LUCIA ink (Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, and Gray) for a vibrant color gamut with a depth and tone that's ideal for commercial graphics applications.

RELIABLE, WORRY FREE INK SYSTEMS

The large 330ml and 700ml ink tanks available for the iPF9000S and iPF8000S printers supply a sub-tank system so inks can be replenished on-the-fly for longer, uninterrupted print runs. The 130ml ink tanks for the iPF6000S printer can be replaced mid-print, without corrupting the image or needing to resend the print file. All models include an ink-level detection system that helps ensure that ink is always available.

BORDERLESS PRINTING*

Borderless printing reduces trimming and offline finishing requirements. Output that's ready to use straight from the printer means that more jobs can be completed in less time.

LOW TOTAL COST OF OPERATION

Engineered for efficiency and reliability imagePROGRAF S-Series printers draw only 190 watts of power during use. These low-maintenance workhorses are equipped with self-cleaning, long-life print-heads that further reduce the total cost of operation.

*Up to 42" wide

Intelligent Quality Control

Canon knows that there's little room for error in the highly competitive production printing marketplace. That's why S-Series printers come equipped with some of the most advanced quality control functions available in the industry.

BUILT-IN CALIBRATION FOR PRECISION, CONTROL, AND SUPERIOR RESULTS

When it comes to producing accurate reprints or managing output across multiple printers, the S-Series' built-in calibration function helps to ensure that you'll get the results you expect.

Unlike the complex and time-consuming color calibration normally required in professional settings, a single process enables these printers to be easily reset back to the original, optimal factory settings across all the printer's media types in just minutes. This easy-to-use feature helps compensate for adverse environmental conditions while providing a predictable platform for color management and consistent color reproduction.

KYUANOS: CANON'S NEXT-GENERATION COLOR MATCHING PLATFORM

Once again at the forefront of the industry, Canon has developed *Kyuanos*, a new high-precision color matching engine. This underlying technology enables new functionality, such as Ambient Light Adjustment, and supports richer color expression across a wider spectrum of input and output formats.

MEDIA ROLL DETECTION SYSTEM

Avoid mismatching media types or running out in the middle of a job. The media roll detection system verifies the media type loaded and tracks how much is remaining on the roll. Media information is automatically printed (in text and bar code) directly on the roll before it's removed from the printer. The next time the roll is loaded, the system will read the bar code and apply the information.

Maximize Your Productivity

The imagePROGRAF S-Series printers are intelligently designed systems featuring an integrated set of applications that streamline workflow, improve efficiency, and expand the versatility of output options.*

- **Canon Printer Driver** intuitive operation with Easy and Advanced settings
- **Print Plug-in for Adobe Photoshop** for enhanced image processing
- **Print Plug-in Digital Photo Professional** to facilitate printing from digital cameras
- **Print Plug-in for Word/Excel/PowerPoint** enables easy enlargement printing of these popular office documents (Versions for all models coming soon; please check **www.usa.canon.com/download**.)
- **Digital Photo Front-Access** displays file images and provides a link to applications

EMPOWER YOUR CREATIVITY

PosterArtist Lite: Included with the iPF6000S printer is PosterArtist Lite, a poster creation package for PCs that makes it easy to create your own posters, signs, and banners from hundreds of customizable templates and royalty-free images. Just follow the simple step-by-step on-screen instructions—no design experience is required!

Want more PosterArtist? For those with more demanding poster creation needs, Canon offers the full PosterArtist as an option. With advanced features such as Auto Design, Variable Data Printing, Ambient Light Adjustment, and enhanced image editing functions, printing professional posters has never been easier. Go to **www.usa.canon.com/posterartist** for more information.

EXTENSIVE RIP SUPPORT

A wide range of compatible third-party RIPs and software solutions is also available from approved Canon Alliance Partners. To learn more about the available RIP solutions, visit **http://www.usa.canon.com/alliance**.

* Please see the Specifications page for OS compatibility.

iPF6000S

imagePROGRAF® iPF9000S/8000S/6000S

SPECIFICATIONS

Print-Head
PF-03 (2)

Technology
FINE (Full-photolithography Inkjet Nozzle Engineering)

Configuration
Two Print-Heads (Total 8 Colors)
6 Colors per Print-Head
Print-Head (L) PC/C/PM/GY/MBK/M
Print-Head (R) Y/BK/GY/PM/C/PC

Number of Nozzles
2,560 per Color (M/Y/BK/MBK)
5,120 per Color (C/PC/PM/GY)
30,720 Total

Droplet Size
4 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi

Print Head Swath
1.07"

Print Resolution (Max.)
2400 x 1200 dpi

Ink Type
LUCIA Ink (Pigment-based)

Ink Tank
PFI-101 (C, M, Y, PC, PM, BK, MBK, GY)

Colors
Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Gray

Ink Tank Capacity
Starter (Packaged with a Printer)
90ml per Color
Replacement
130ml per Color

Ink Supply Method
Tubing System

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Printer Memory
256MB

Media Feed
Roll Feed
One Roll, Front Output
Top-Loading Manual Feed
One Sheet, Front Output
Front-Loading Manual Feed
One Sheet, Front Output

Media Width
Cut Sheet/Roll: 8"–24"

Minimum Media Length
Top-Loading Manual Feed
11.0" (279mm)
Front-Loading Manual Feed
13.8" (350mm)
Roll Feed
8" (203mm)

Minimum Print Length
Manual Feed (Top)
62" (1.6m)
Manual Feed (Front)
36" (914mm)
Roll Feed
59 Feet (18m)*

Borderless Printing Width (Roll Media Only)
10" (254mm), B4 (257mm), A3+ (329mm), 14" (356mm), 16" (407mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)

Media Cutter
Built-in Durable Rotary Blade

Printer Stand
Standard

Media Thickness
Top-Loading Manual Feed
0.07mm-0.8mm (2.8mil-31.4mil)
Front-Loading Manual Feed
0.5mm-1.5mm (19.6mil-59.0mil)
Roll Feed
0.07mm-0.8mm (2.8mil-31.4mil)

Media Core Sizes
2" or 3" Core (with Supplied Adapter)

Printable Margins
Manual Feed (Top/Front)
Leading and Left/Right Edges: 0.12" (3mm),
Trailing Edge, Top Feed: 0.12" (3mm) Except Art Paper;
Top Feed (Art Paper): 0.90" (23mm);
Front Feed: 0.90" (23mm)
Roll Feed
All Sides: 0.12" (3mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
5.9" (150mm)

Bundled Software
Printing Software
Canon Printer Driver, Print Plug-in for Photoshop®,** Print Plug-in for DPP***, Print Plug-in for Microsoft® Office, Printer Driver Extra Kit**** (Free Layout, imageRUNNER® Linking Function)
Applications
PosterArtist Lite,
Digital Photo Front-Access
Utilities
imagePROGRAF Status Monitor (Windows®), Print Monitor (Macintosh®), Media Configuration Tool, Remote UI

Printer Language
GARO (Canon Proprietary)

Operating System[✓]
Windows (2000, XP, Windows Vista® 32/64 bit)
Macintosh OS X (10.2-10.4.9, 10.5)

Interface
Standard
USB 2.0 High-Speed
10/100Base-T/TX

Acoustic Noise
Operation 49dB or Less

Power Supply
AC 100–240V (50-60Hz)

Power Consumption
Maximum
100W or Less
Standby
6W or Less
Power Off
Less than 1W (Compliant with Executive Order)

Certifications
UL, FCC Class B, ENERGY STAR®

Operational Environment
Temperature
59–86 F° (15–30 C°)
Relative Humidity
10–80% (No Condensation)

Dimensions with Stand (H x W x D)
39.0" x 46.3" x 34.2"

Weight
Approx. 146 lb. with Stand
(Excludes Ink Tank and Print Heads)

Package Dimensions with Stand (H x W x D)
35.2" x 52.0" x 36.0", 227 lb.

User-Replaceable Items
Print-Head (PF-03)
Maintenance Cartridge (MC-16)

Options
Roll Holder Set (RH2-25)
PosterArtist

* The maximum printable length varies, depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2008 is 50 feet.

** For Adobe Photoshop 6, 7, CS, CS2, CS3 running on Windows 2000/XP/Windows Vista (32-bit) or Macintosh OS X 10.2/10.3/10.4/10.5

*** For Digital Photo Professional version 2.1 or later running on Windows 2000/XP, Windows Vista (32 bit) or MacintoshOS X 10.2/10.3/10.4/10.5

**** Not compatible with Windows 64-bit OS

✓ For imagePROGRAF Printer Driver 2008. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

iPF9000S/8000S

imagePROGRAF® iPF9000S/8000S/6000S

SPECIFICATIONS

Print-Head
PF-03 (2)

Technology
FINE (Full-lithography Inkjet Nozzle Engineering)

Configuration
Two Print-Heads
Print-Head (L) PC/C/PM/GY/BK/GY
Print-Head (R) Y/MBK/M/PM/C/PC

Number of Nozzles
2,560 per Color (M/Y/BK/MBK)
5,120 per Color (C/PC/PM/GY)
30,720 Total

Droplet Size
Uniform 4 Picoliter for All Colors

Nozzle Pitch (Head Resolution)
1,200 dpi

Print Head Swath
1.07 inch

Print Resolution (Max.)
2400 x 1200 dpi

Ink Type
LUCIA Ink (Pigment-based)

Replacement Ink Tank
PFI-701 (700ml) or PFI-301 (330ml)

Colors
Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Gray

Ink Tank Shipped with the Printer
PFI-301 x 8 Colors (Full 330ml Each Color)

Ink Supply Method
Tubing System with Sub-Tanks for Continuous Ink Supply

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Printer Memory
iPF9000S: 640MB
iPF8000S: 384MB

Media Feed
Roll Feed
One Roll, Front Loading, Front Output
Cut Sheet
One Sheet, Front Loading, Front Output

Media Width
Cut Sheet: 8" – 44" (iPF8000S)
8" – 60" (iPF9000S)
Roll Feed: 10"– 44" (iPF8000S)
10"– 60" (iPF9000S)

Minimum Media Length
8" (203mm)

Maximum Print Length
Manual Feed
63" (1.6m)
Roll Feed
59 Feet (18m)*

Borderless Printing Width (Roll Media Only)
10", 14", 16", 24", 36", 42"
B2 (20.28"/515mm), A1 (23.38"/594mm)
A0 (33.11"/841mm), B0 (40.55"/1030mm)

Media Cutter
User-replaceable Durable Rotary Blade (CT-06)

Media Thickness
0.07mm–0.8mm (2.8mil–31.4mil)

Media Core Sizes
2" (3" Core with Optional 3" Core Spool)

Printable Margins
Manual Feed (Top/Front)
Leading and Left/Right Edges: 0.20" (5mm), Trailing Edge: 0.90" (23mm)
Roll Feed
All Sides: 0.20" (5mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
5.9" (150mm)

Built-in Hard Disk Capacity
80GB

Bundled Software
Printing Software
Printer Driver 2007, Print Plug-in for Photoshop®**, Print Plug-in for Digital Photo Professional, Printer Driver Extra Kit† (Free Layout, imageRUNNER® Linking Function)

Applications
Digital Photo Front-Access,‡
PosterArtist 2007 (Optional)‡

Utilities
GARO Status Monitor with SMTP e-mail Printer Status Notification, Media Configuration Tool, Remote UI

Printer Language
GARO (Canon Proprietary)

Operating System■
Windows® 2000/XP/Windows Vista®
Macintosh® OS 9/X

Interface
Standard
USB 2.0
10/100Base-T/TX
Optional
IEEE1394 (FireWire®)

Acoustic Noise
Operation
51dB or Less
Standby
35dB or Less

Acoustic Power (Operation and Standby)
6.7 Bels or Less

Power Supply
AC 100–240V (50-60Hz)

Power Consumption
Maximum
190W (or Less)
Standby (100-120V)
5W (or Less)
Power Off (Standby, 100-120V)
Less than 1W (Compliant with Executive Order)

Certifications
Electrical Safety Regulations
UL, FCC Class B, ENERGY STAR®, RoHS Directive, WEEE, Executive Order (USA)

Operational Environment
Temperature
59–86 F° (15–30 C°)
Relative Humidity
10–80% (No Condensation)

Dimensions with Stand (H x W x D)
iPF9000S:
45" x 90.5" x 30.2" (1144mm x 2299mm x 766mm)
iPF8000S:
45" x 74.5" x 38.4" (1144mm x 1893mm x 975mm)

Weight with Stand
iPF9000S: Approx. 357 lb. (162kg)
iPF8000S: Approx. 309 lb. (140kg)

User-Replaceable Items
Ink Tank PFI-301/PFI-701
Print-Head (PF-03)
Maintenance Cartridge (MC-08)
Durable Rotary Media Cutter (CT-06)

Options
IEEE1394 Expansion Board (EB-05)
Basket (BU-01)
PosterArtist
Media Take-up Unit
iPF9000S: 2" Core Roll Holder (RH2-63)
iPF9000S: 3" Core Roll Holder (RH3-63)
iPF8000S: 2" Core Roll Holder (RH2-43)
iPF8000S: 3" Core Roll Holder (RH3-43)

* The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2007 is 50 feet.
** For Adobe Photoshop 6, 7, CS, CS2, running on Windows 2000/XP/Windows Vista 32-bit or Macintosh OS 9.1 or OS X
† Windows 2000/XP/Windows Vista
‡ Windows 2000/XP/Windows Vista 32-bit
■ For imagePROGRAF Printer Driver 2007. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

Canon
imageANYWARE

1-800-OK-CANON
www.usa.canon.com

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042

As an ENERGY STAR® Partner, Canon U.S.A., Inc. has determined that these products meet the ENERGY STAR guidelines for energy efficiency. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Adobe, Photoshop, PostScript, and Illustrator are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. Microsoft, Windows, Windows Vista and PowerPoint, are registered trademarks of Microsoft Corporation in the United States and/or other countries. Macintosh is a trademark of Apple Computer, Inc. QuarkXPress is a trademark of Quark, Inc. and all applicable affiliated companies, Reg. U.S. Pat. and Tm. Off. and in many other countries. Intel and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and/or other countries. CANON and IMAGEPROGRAF, LUCIA, KYUANUS, and the GENUINE logo are registered trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. IMAGEANYWARE is a trademark of Canon. All other referenced product names and marks are trademarks of their respective owners and are hereby acknowledged. Specifications and availability subject to change without notice.
All output images are simulated.
©2008 Canon U.S.A., Inc. All rights reserved.

0128W812
1108-9000S/8000S/6000S-25M-LCR

LUCIA ink
L-COA
FINE Full-photolithography Inkjet Nozzle Engineering
ENERGY STAR

PRINTED ON RECYCLED PAPER IN THE U.S.A.